

Title (en)
Battery assembly and method for producing the same

Title (de)
Batteriezusammenbau und Verfahren zu seiner Herstellung

Title (fr)
Assemblage de batterie et procédé se sa fabrication

Publication
EP 0390557 B1 19970813 (EN)

Application
EP 90303357 A 19900329

Priority
US 33133489 A 19890330

Abstract (en)
[origin: EP0390557A2] A laminar battery (26) has an anode layer, an ionically conductive electrolyte layer, and a cathode layer. The electrolyte layer is interposed between the anode layer and the cathode layer, and the layers are assembled to form an electrical cell. A pair of electrically conductive terminals are in electrical contact with the anode layer and the cathode layer. A protective sheet material (28) envelops the laminar battery and is heat sealed at the periphery of the laminar battery (26) and about the terminals (32,34) to exclude air and moisture. The terminals (32,34) extend from or are accessible through this protective sheet material (28) for connection to a device which is to be powered by the laminar battery (26).

IPC 1-7
H01M 10/40; **H01M 2/02**; **H01M 6/12**

IPC 8 full level
H01M 6/12 (2006.01); **H01M 6/18** (2006.01); **H01M 10/05** (2010.01); **H01M 50/121** (2021.01); **H01M 50/129** (2021.01); **H01M 50/141** (2021.01); **H01M 50/178** (2021.01); **H01M 50/55** (2021.01); **H01M 50/555** (2021.01); **H01M 50/562** (2021.01)

CPC (source: EP US)
H01M 6/12 (2013.01 - EP); **H01M 10/05** (2013.01 - EP); **H01M 50/121** (2021.01 - EP US); **H01M 50/129** (2021.01 - EP US); **H01M 50/141** (2021.01 - EP US); **H01M 50/178** (2021.01 - EP US); **H01M 50/55** (2021.01 - EP US); **H01M 50/555** (2021.01 - EP US); **H01M 50/562** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Citation (examination)
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Cited by
US6319630B1; KR100648550B1; KR100724658B1; EP1030397A3; EP0862227A1; EP1003233A1; EP0972311A4; CN109244287A; EP1753066A1; FR2682816A1; EP0996178A1; EP0997954A1; EP0938145A3; EP1120849A3; EP1006602A1; EP1032068A3; CN109802165A; CN100424913C; EP1035597A1; US6120935A; US11437674B2; US6379838B1; US6291098B1; US6664006B1; US6428934B1; WO2005006467A1; WO03105251A3; WO0182393A3; US6368744B1; US9065152B2; EP1120849A2; US6399241B1; US6296971B1; US11251483B2; WO2017207735A1; WO0157941A1; WO0247184A3; KR100619652B1; US7377948B2; US6645675B1; US8083812B1

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